

## Recombinant Human FN1 protein, T7/His-tagged

Cat. No. FN1-41H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant sixth FN-III domain of Human fibronectin cDNA fused with T7-His-TEV cleavage site Tag (29aa) at N-terminal was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Form</b>	0.5 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.
<b>AA Sequence</b>	MASMTGGQQMGRGHHHHHGNLYFQGGFPGSSIPPYNTEVTETTIVITWTPAPRI GFKLGVLPIQGGGEAPQEVT SDSGSIVVSGLTPGVEYFYTIQVLKDGQERDAPIVNKM VT
<b>Purity</b>	>90% by SDS-PAGE
<b>Applications</b>	1. May be used for in vitro human ES lineage specific differentiation regulations study coating with this protein.2. May be used for in vitro protein-protein interaction mapping.3. As antigen for specific antibody production.
<b>Storage</b>	Keep at -80centigrade for long term storage. Product is stable at 4 centigrade for at least 15 days.

### GENE INFORMATION

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<b>Gene Name</b>	FN1 fibronectin 1 [ Homo sapiens ]
<b>Official Symbol</b>	FN1
<b>Synonyms</b>	FN1; fibronectin 1; fibronectin; CIG; cold insoluble globulin; FINC; GFND2; LETS; migration stimulating factor; MSF; cold-insoluble globulin; migration-stimulating factor; FN; FNZ; ED-B; GFND; DKFZp686H0342; DKFZp686I1370; DKFZp686F10164; DKFZp686O13149;
<b>Gene ID</b>	2335
<b>mRNA Refseq</b>	NM_002026
<b>Protein Refseq</b>	NP_002017
<b>MIM</b>	135600
<b>UniProt ID</b>	P02751
<b>Chromosome Location</b>	2q34
<b>Pathway</b>	Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem; Angiopoietin receptor Tie2-mediated signaling, organism-specific biosystem; Bacterial invasion of epithelial cells, organism-specific biosystem; Bacterial invasion of epithelial cells, conserved biosystem; Cell surface interactions at the vascular wall, organism-specific biosystem; ECM-receptor interaction, organism-specific biosystem;
<b>Function</b>	collagen binding; extracellular matrix structural constituent; heparin binding; protein binding;

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